UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

STATE OF MINNESOTA
IRON RANGE RESOURCES AND REHABILITATION COMMISSION

KINNEY QUADRANGLE
MINNESOTA-ST LOUIS CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)

7479 III NE (DARK LAKE)
7479 II NW (IDINGTON)
7479 II NE (BRITT)
7479 III SE (DEWEY LAKE SE)
7479 II SE (VIRGINIA)
(BUHL) 7478 IV NE
(EVELETH) 7479 I NE

92°45' 42'30" 40' 92°37'30"
47°37'30" 35' 32'30" 47°30'

2 090 000 FEET 2 110 000 FEET 410 000 FEET 370 000 FEET

R 19 W R 18 W

Mapped, edited, and published by the Geological Survey

Control by USGS and NOS/NOAA

Topography from aerial photographs by multiplex methods
Aerial photographs taken 1947. Field check 1951

Polyconic projection. 1927 North American Datum
10,000-foot grid based on Minnesota coordinate system, north zone
1000-meter Universal Transverse Mercator grid ticks, zone 15, shown in blue

To place on the predicted North American Datum 1983, move the projection lines 6 meters north and 15 meters east as shown by dashed corner ticks

There may be private inholdings within the boundaries of the National or State reservations shown on this map

UTM GRID AND 1985 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

Revisions shown in purple and woodland compiled from aerial photographs taken 1981 and other source data. Partial field check by U. S. Forest Service. Map edited 1985

SCALE 1:24 000

CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION
Heavy-duty
Medium-duty
Light-duty
Unimproved dirt
U. S. Route

QUADRANGLE LOCATION

KINNEY, MINN.
47092-E6-TF-024
1951
PHOTOREVISED 1985
DMA 7479 II SW—SERIES V872